INTERNATIONAL SEARCH REPORT

International Application No PCT/ 03/00[illegible]

10/517497

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68 G01N33/50 A01K67/027 C12N15/85 C12N5/06

Rec'd PCT/PTO 10 DEC 2004

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q G01N C12N A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	CHO JY ET AL.: "Col2-GFP reporter mouse-A new tool to study skeletal development" AMERICAN JOURNAL OF MEDICAL GENETICS, vol. 106, no. 4, 2001, pages 251-53, XP008021264 the whole document ---	1-36
X,Y	GRANT TD ET AL.: "Col2-GFP reporter marks chondrocyte lineage and chondrogenesis during mouse skeletal development" DEVELOPMENTAL DYNAMICS, vol. 218, no. 2, June 2000 (2000-06), pages 394-400, XP008021261 cited in the application the whole document ---	1-36
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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

'A' document defining the general state of the art which is not considered to be of particular relevance

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'P' document published prior to the international filing date but later than the priority date claimed

'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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'&' document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
3 September 2003	17/09/2003

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Osborne, H

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C.(Continuation) DOCUMEN[redacted]NSIDE[redacted]O BE RELEVANT

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Y	HANADA K ET AL.: "BMP-2 induction and TGF-beta1 modulation of rat periosteal cell chondrogenesis" JOURNAL OF CELLULAR BIOCHEMISTRY, vol. 81, no. 4, 2001, pages 284-94, XP008021250 page 285, paragraph 3 page 290 -page 293 ---	1-36
Y	JAKOB M ET AL: "Specific growth factors during the expansion and redifferentiation of adult human articular chondrocytes enhance chondrogenesis and cartilaginous tissue formation in vitro" JOURNAL OF CELLULAR BIOCHEMISTRY, WILEY-LISS INC, US, vol. 81, no. 2, 2001, pages 368-377, XP002173884 ISSN: 0730-2312 the whole document ---	1-36
Y	TAKAHASHI I ET AL.: "Compressive force promotes Sox9, type II collagen and aggrecan and inhibits IL-1Beta expression resulting in chondriogenesis in mouse embryonic limb bud mesenchymal cells" JOURNAL OF CELL SCIENCE, vol. 111, 1998, pages 2067-76, XP002253311 the whole document ---	1-36
A	US 2002/061514 A1 (UNDERHILL TULLY MICHAEL ET AL) 23 May 2002 (2002-05-23) claims 1-24 ---	1-36
A	WO 99 61908 A (HARVARD COLLEGE) 2 December 1999 (1999-12-02) the whole document ---	1-36
A	BERGWITZ C ET AL: "Wnts differentially regulate colony growth and differentiation of chondrogenic rat calvaria cells" BIOCHIMICA ET BIOPHYSICA ACTA, vol. 1538, 2001, pages 129-140, XP002253312 cited in the application the whole document ---	1-36
A	US 6 291 240 B1 (MANSBRIDGE JONATHAN N ET AL) 18 September 2001 (2001-09-18) ---	
A	WO 01 35968 A (ASHKAR SAMY ;ZAWAIDEH SAMER (US); CHILDRENS MEDICAL CENTER (US)) 25 May 2001 (2001-05-25) -----	

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